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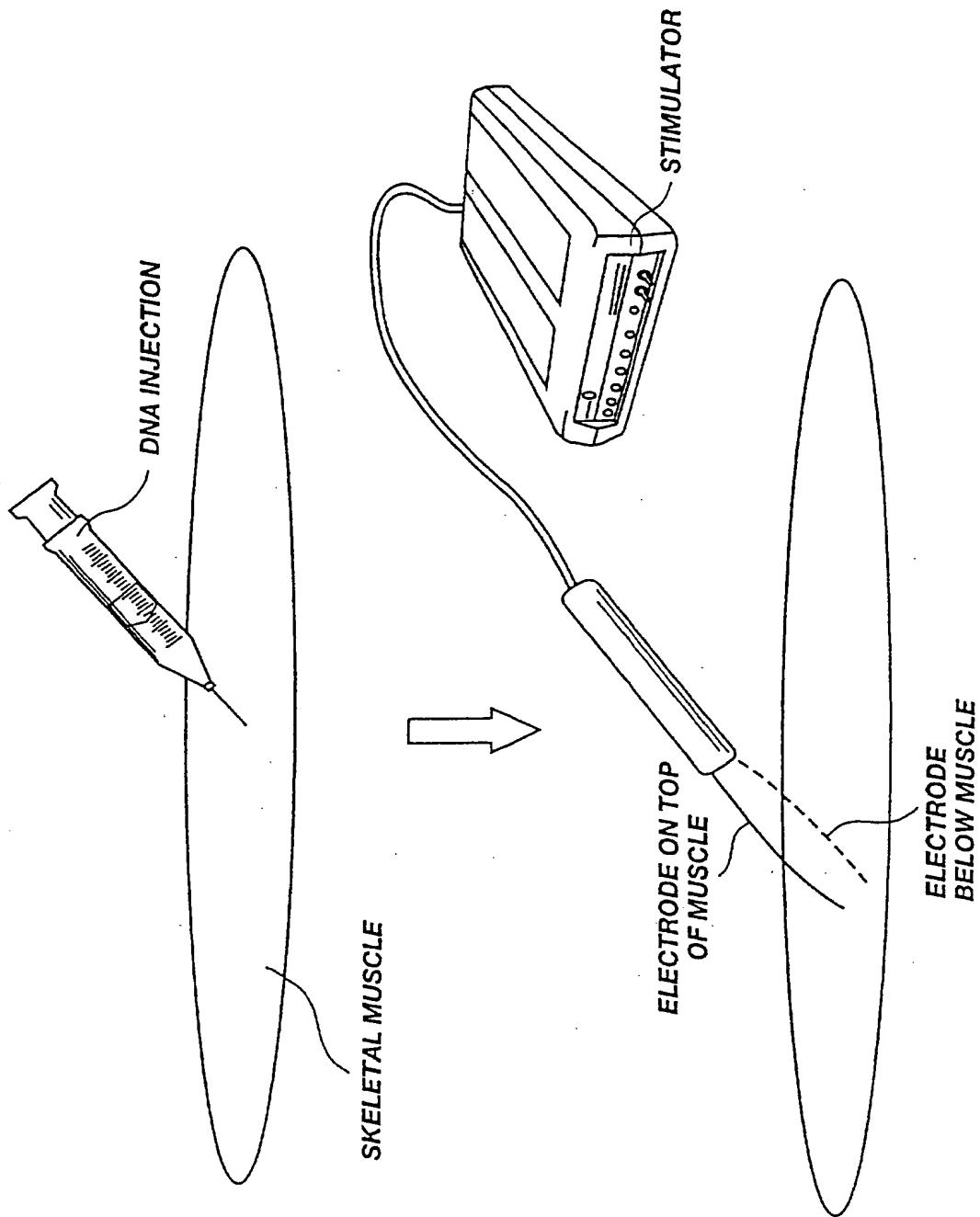


Fig. 1

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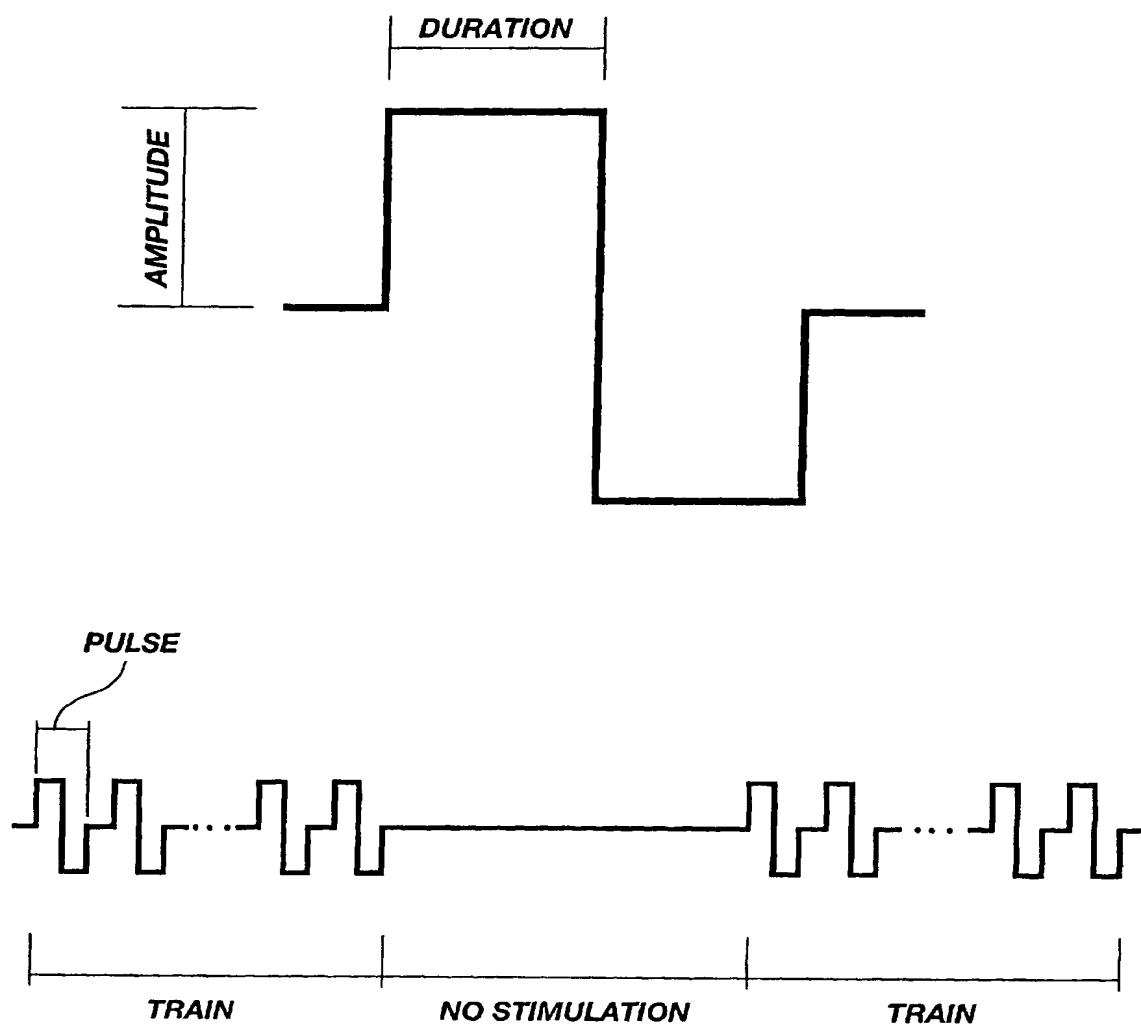


Fig. 2

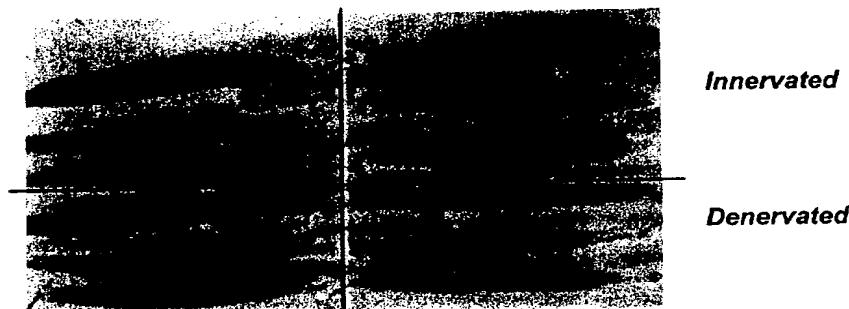
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EDL, fast SOL, slow

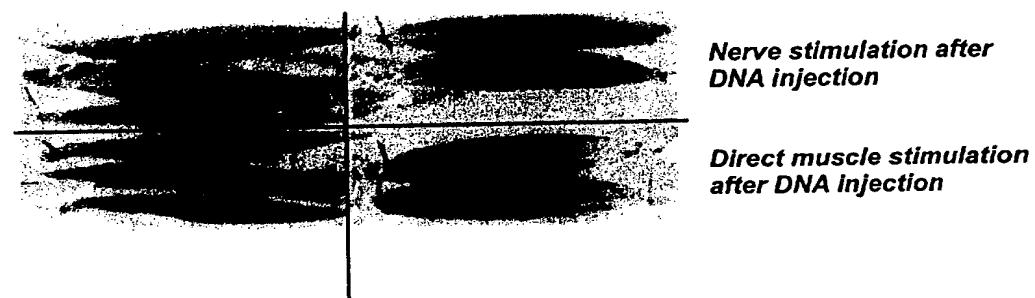
a All muscles are denervated



b All muscles are stimulated directly with 100 Hz after DNA Injection



c All muscles have been active



d All muscles have been stimulated directly with 100 Hz

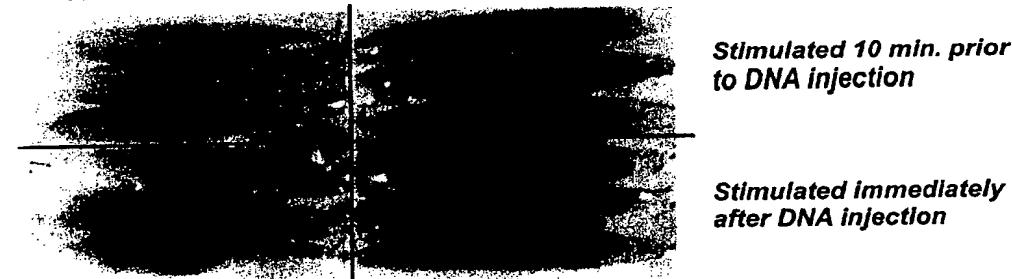


Fig. 3

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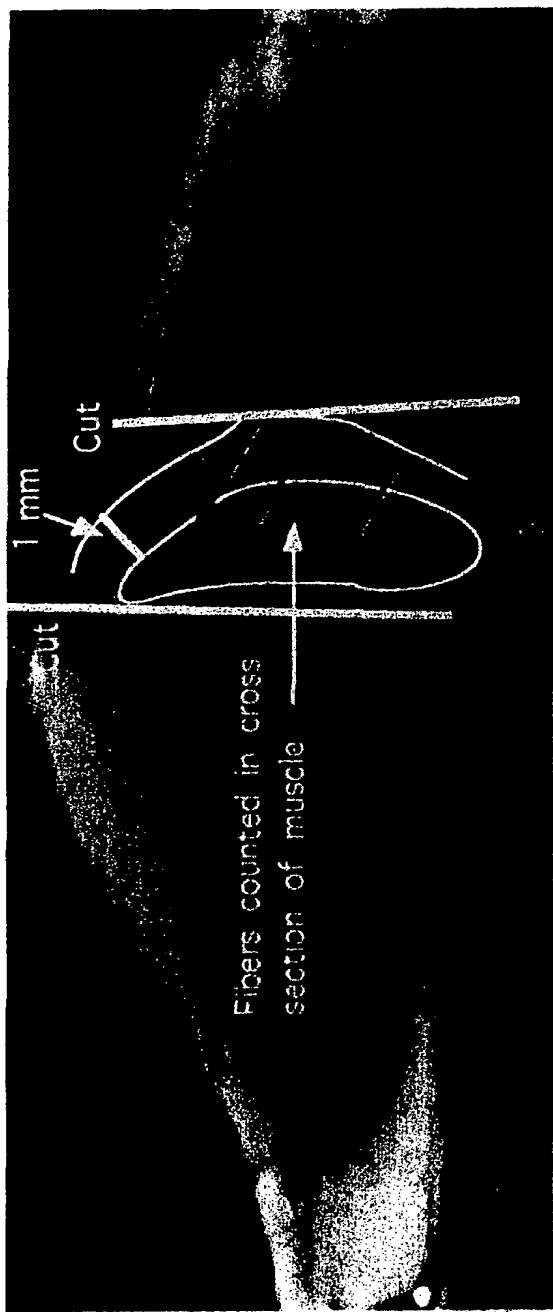


Fig. 4

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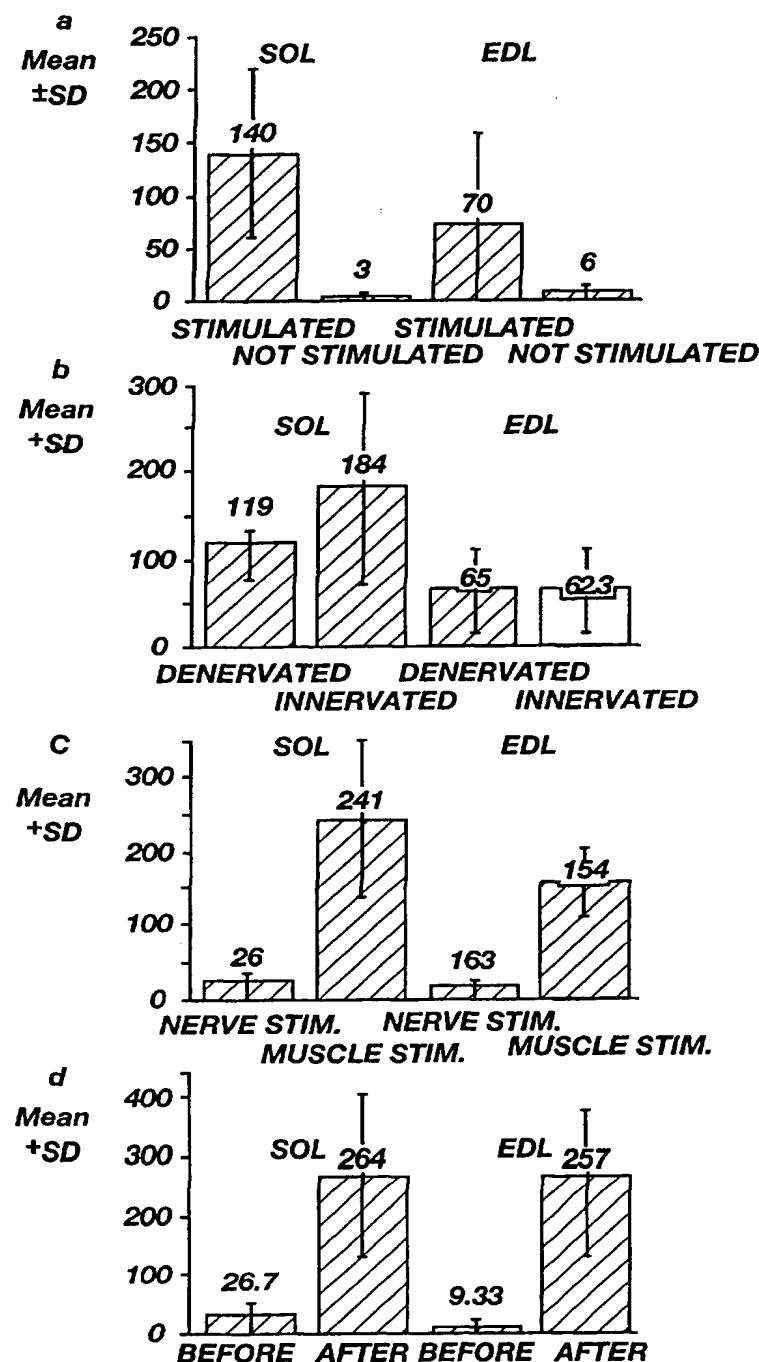


Fig. 5

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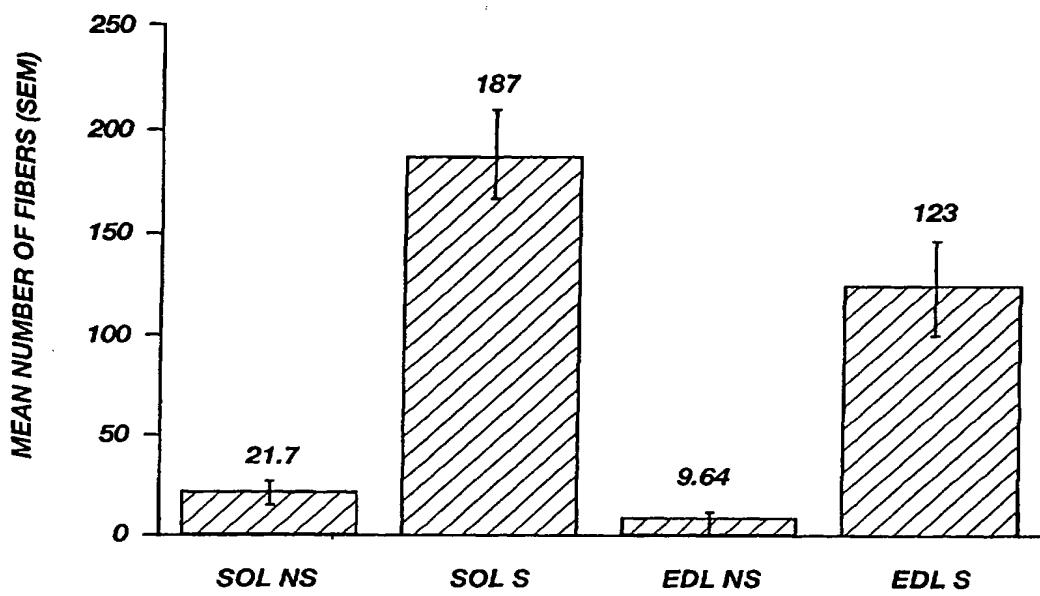


Fig. 6

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TRANSFECTION EFFICIENCY V. FREQUENCY

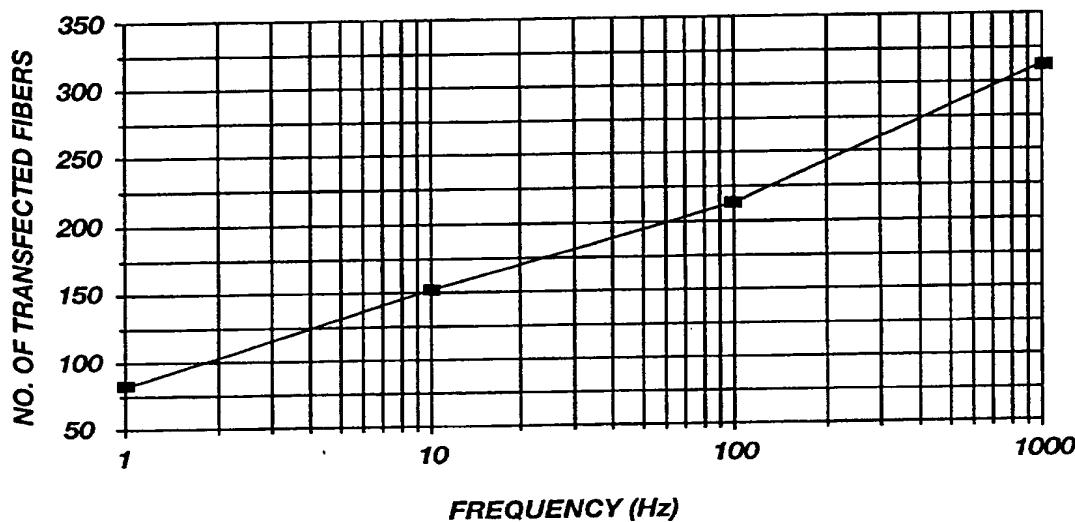


Fig. 7

Title: METHOD FOR MUSCLE DELIVERY OF DRUGS, NUCLEIC ACIDS AND OTHER COMPOUNDS

Inventor: Jacob Mathiesen Atty. Dkt. No.: 065334-0111

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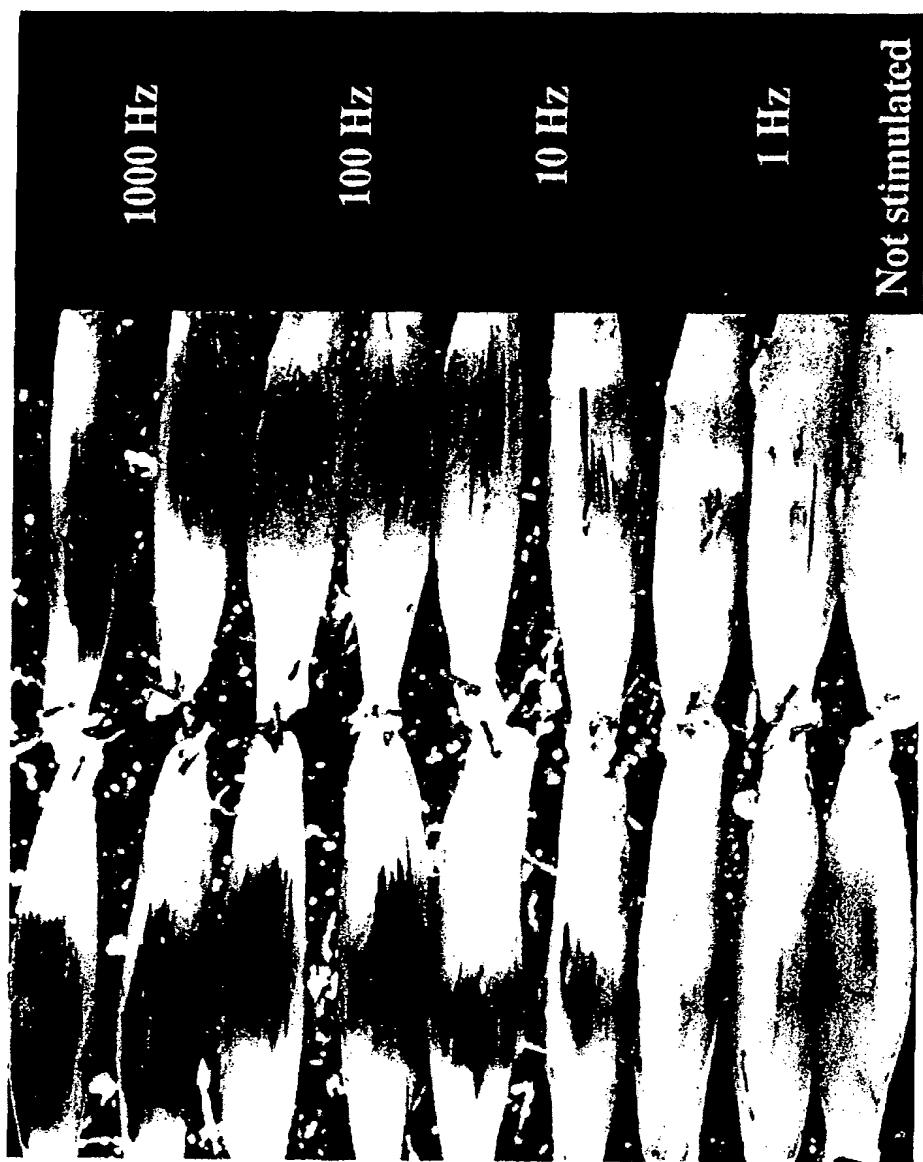


Fig. 8

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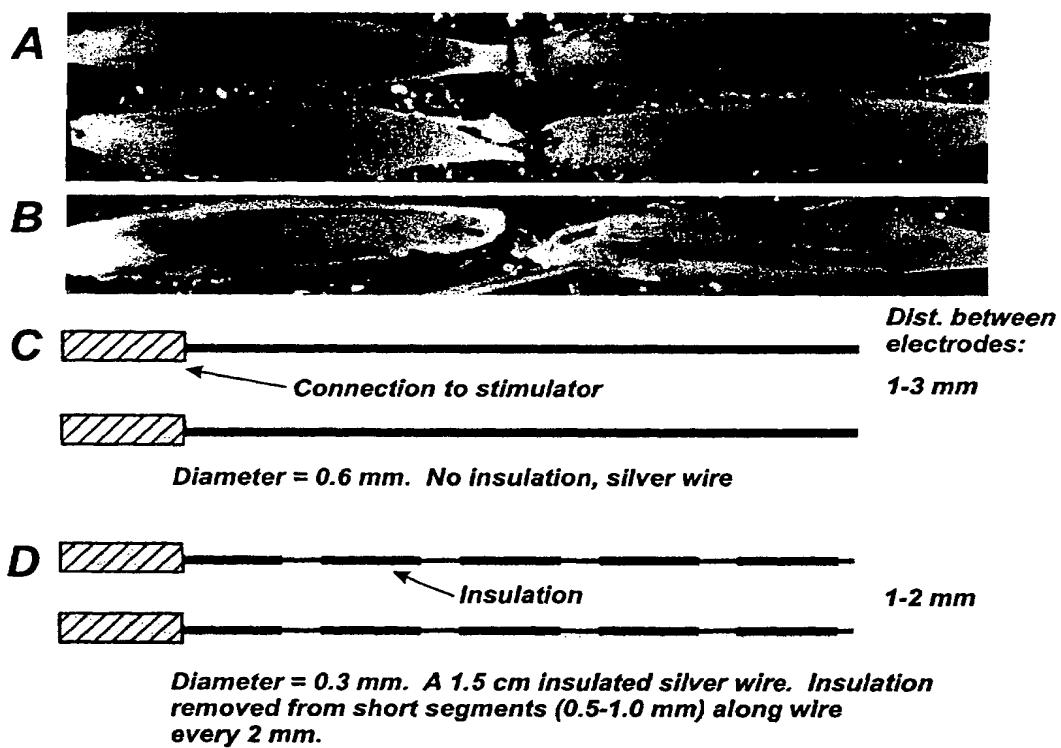


Fig. 9

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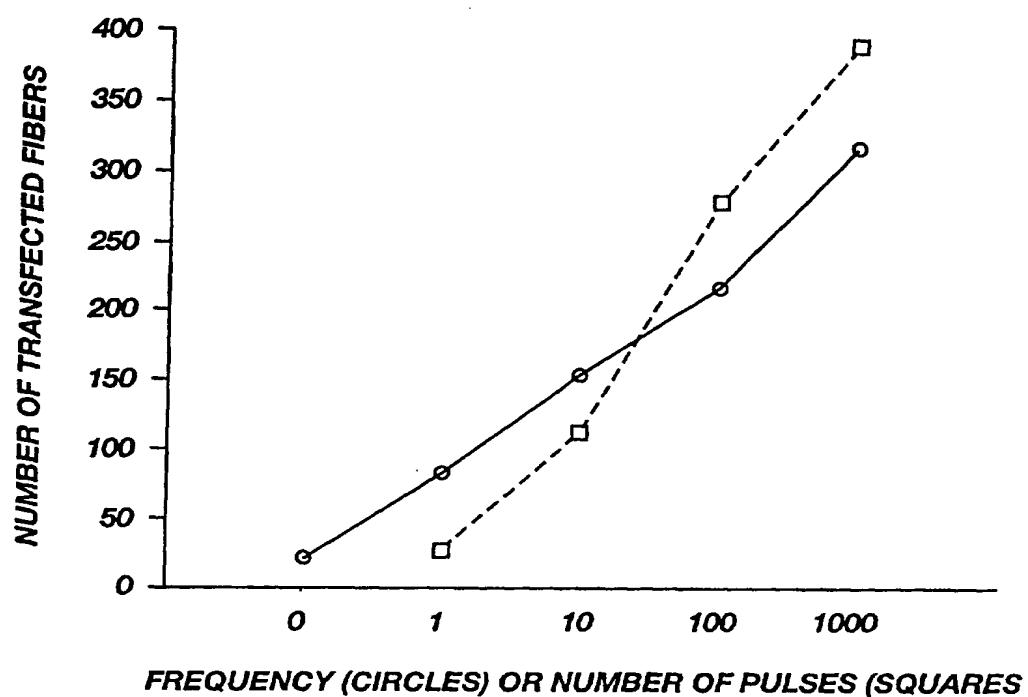


Fig. 10

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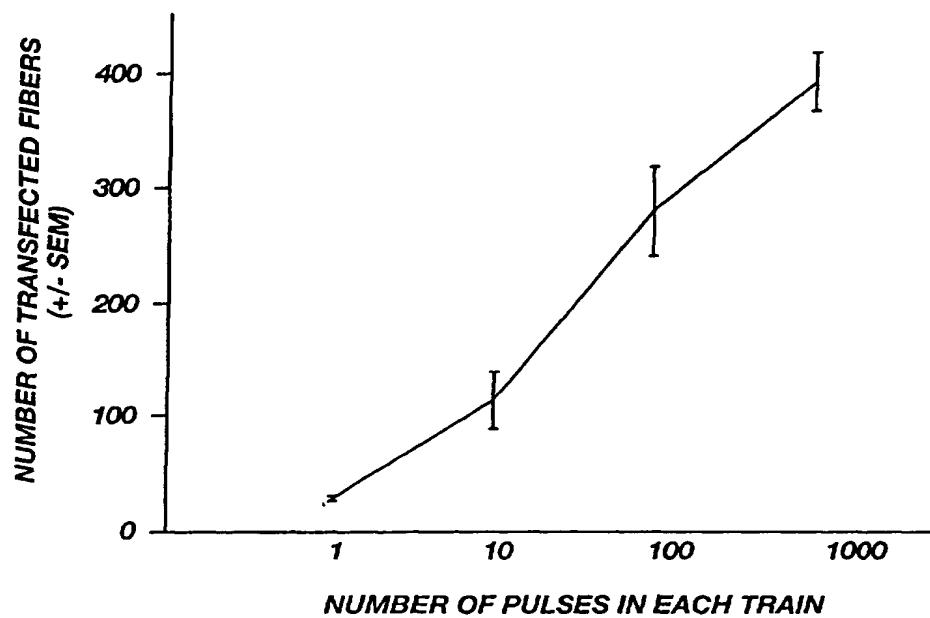


Fig. 11

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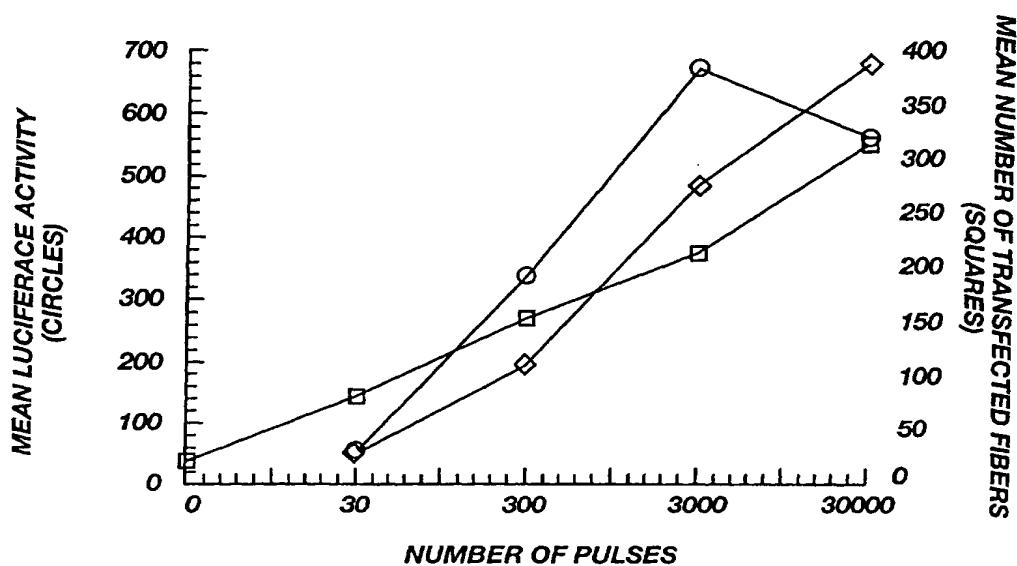


Fig. 12

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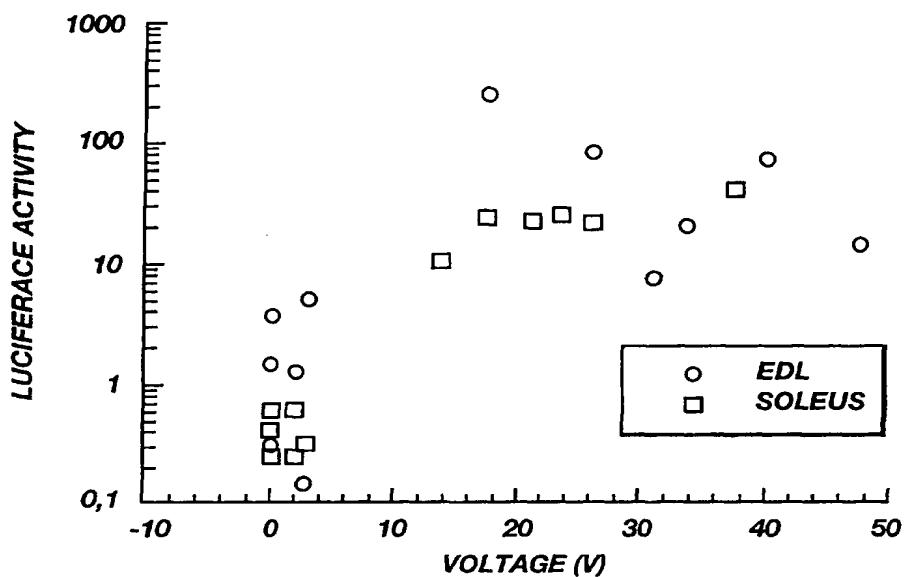


Fig. 13a

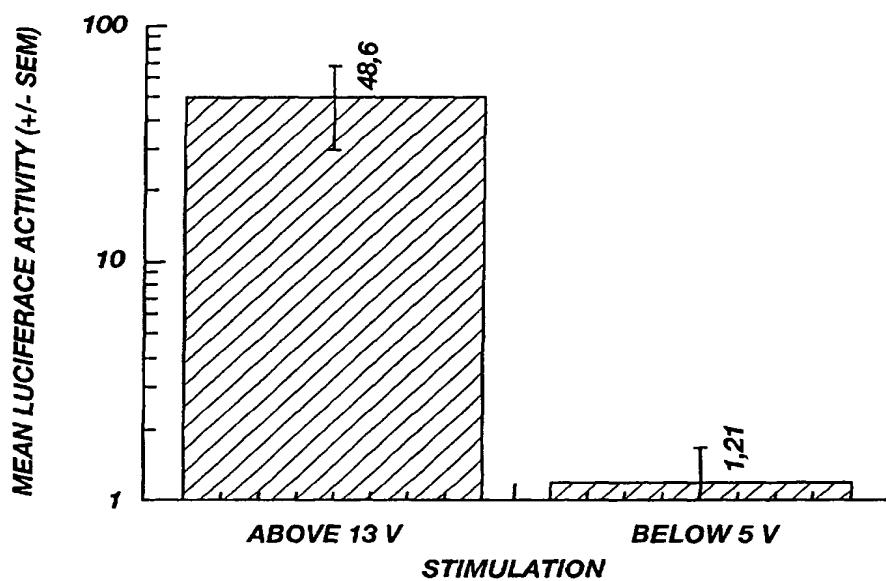


Fig. 13b

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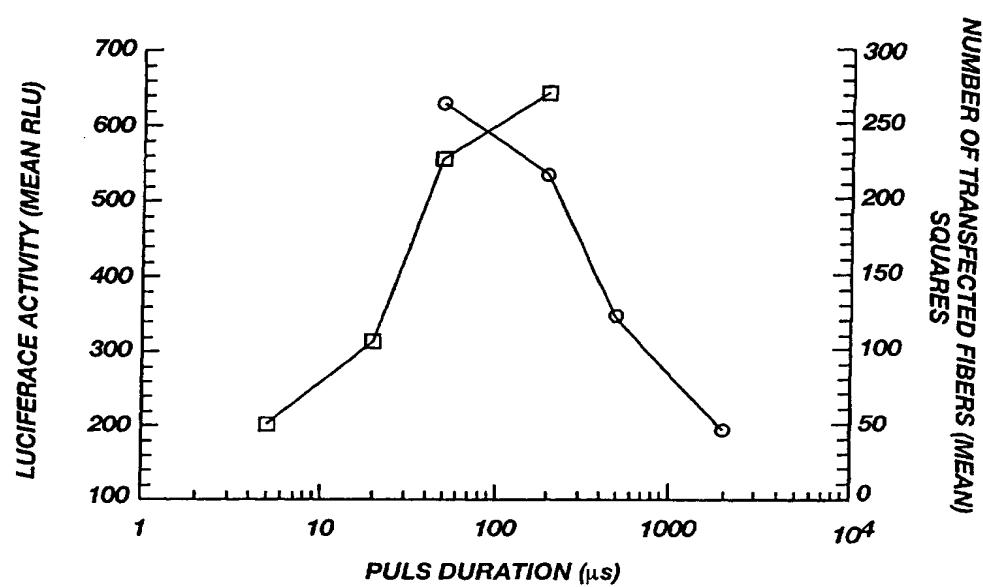


Fig. 14

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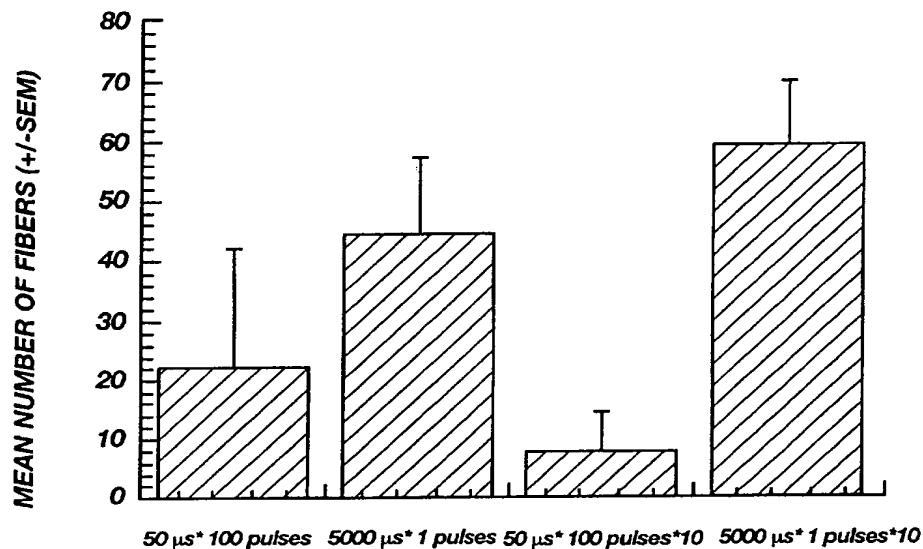


Fig. 15

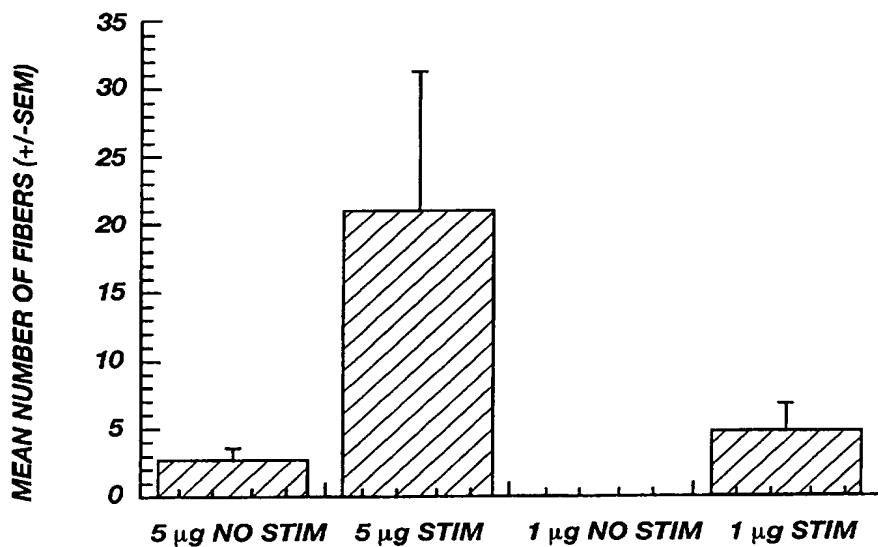


Fig. 16

Title: METHOD FOR MUSCLE DELIVERY OF DRUGS, NUCLEIC ACIDS AND OTHER COMPOUNDS

Inventor: Jacob Mathiesen Atty. Dkt. No.: 065334-0111

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Fig. 17A

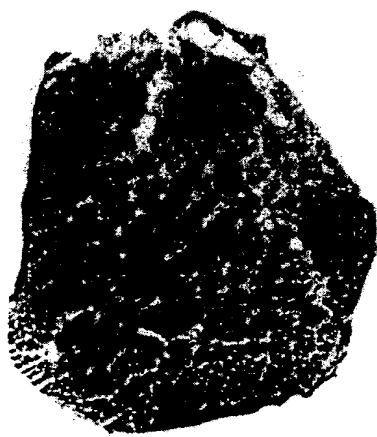


Fig. 17B



Fig. 17C



Fig. 17D

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Title: METHOD FOR MUSCLE DELIVERY OF DRUGS, NUCLEIC ACIDS AND OTHER COMPOUNDS

Inventor: Jacob Mathiesen Atty. Dkt. No.: 065334-0111

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Fig. 17E

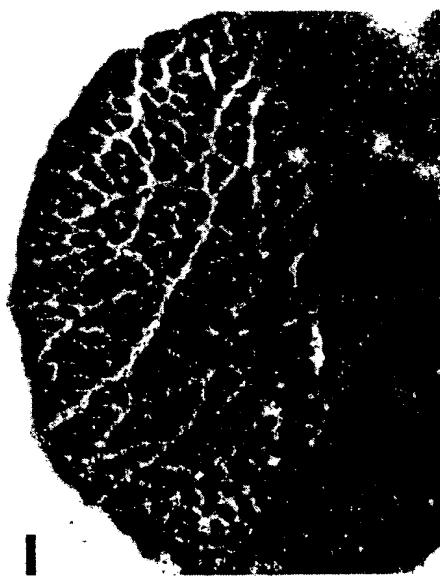


Fig. 17F

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Title: METHOD FOR MUSCLE DELIVERY OF DRUGS, NUCLEIC ACIDS AND OTHER COMPOUNDS

Inventor: Jacob Mathiesen Atty. Dkt. No.: 065334-0111

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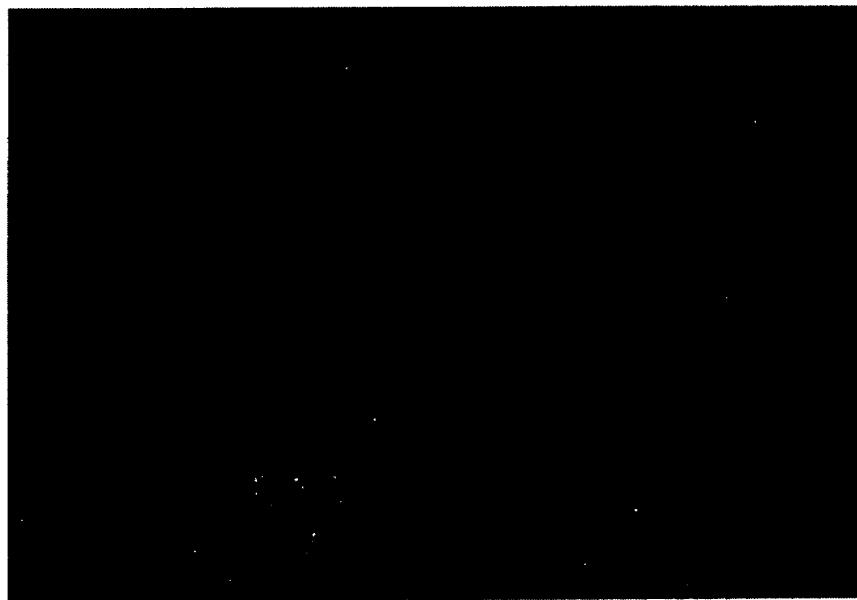


Fig. 18A

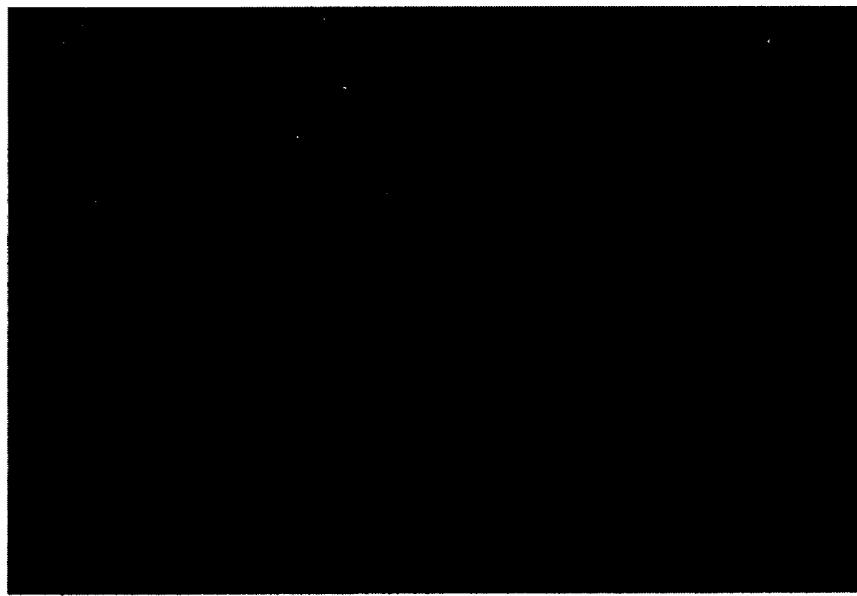


Fig. 18B

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Title: METHOD FOR MUSCLE DELIVERY OF DRUGS, NUCLEIC ACIDS AND OTHER COMPOUNDS

Inventor: Iacob Mathiesen Atty. Dkt. No.: 065334-0111

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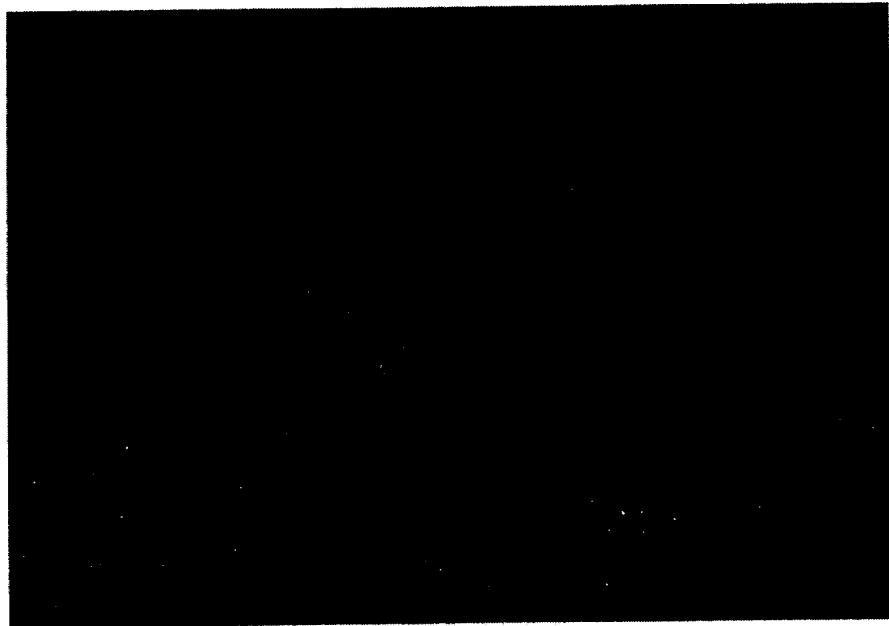


Fig. 18C

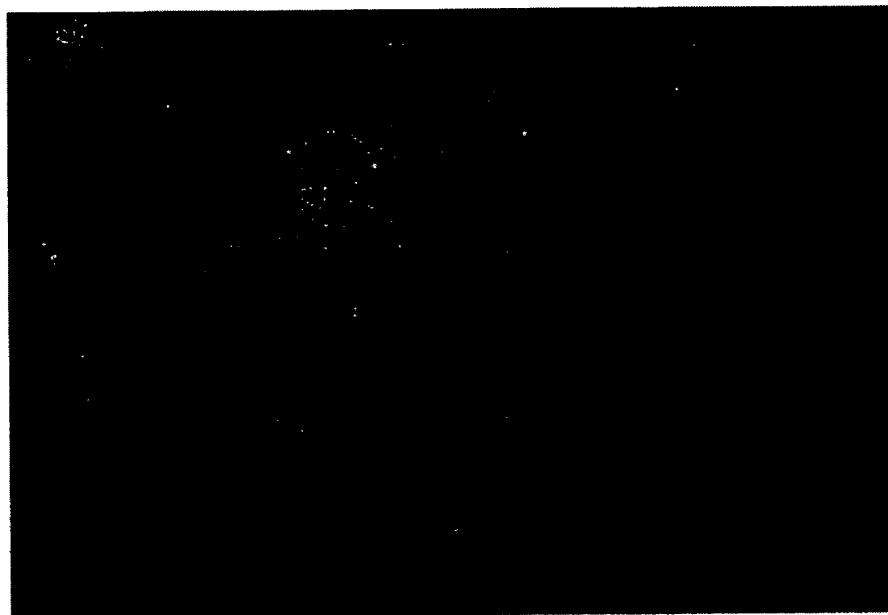


Fig. 18D

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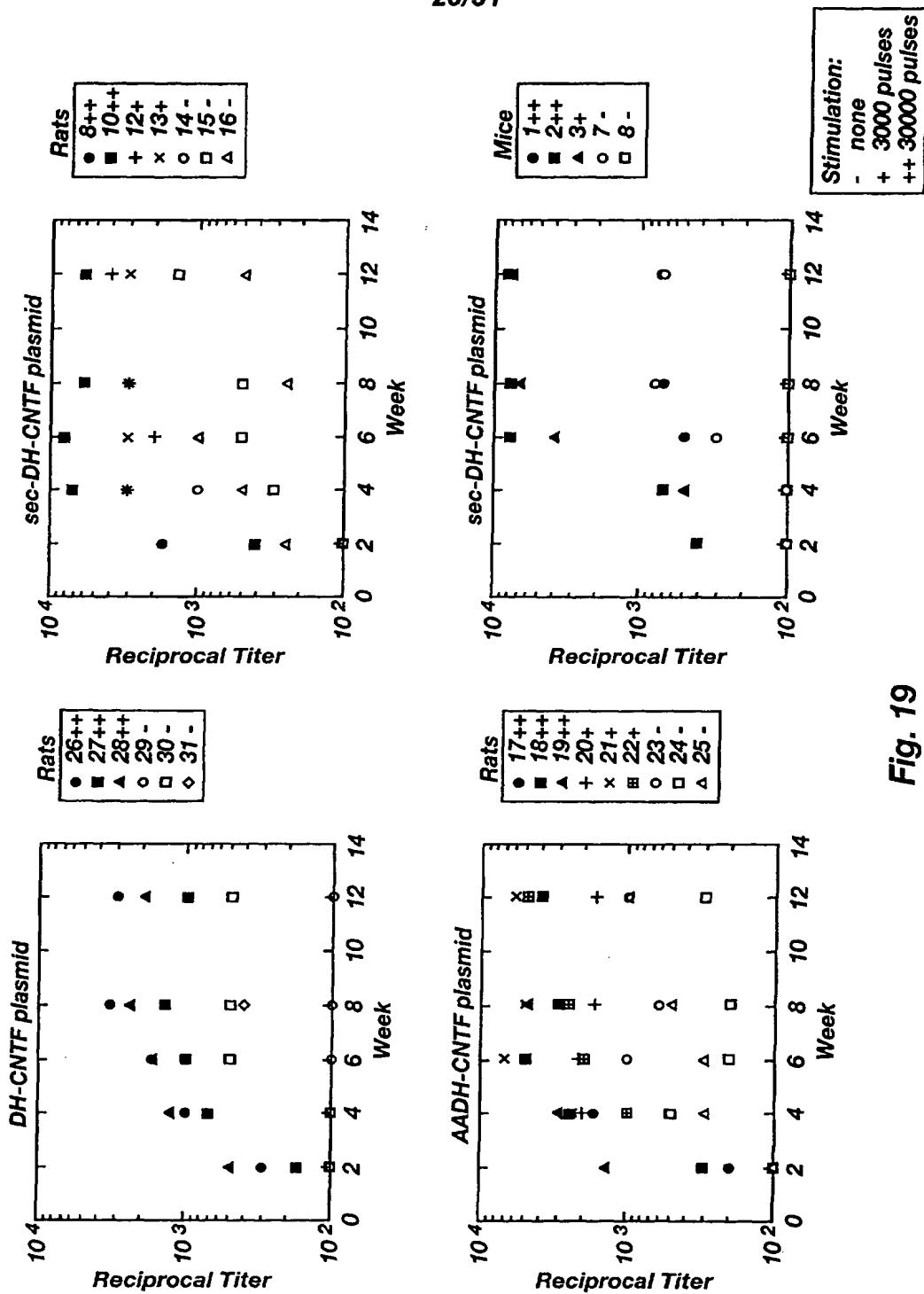


Fig. 19

Title: METHOD FOR MUSCLE DELIVERY OF DRUGS, NUCLEIC ACIDS AND OTHER COMPOUNDS

Inventor: Iacob Mathiesen Atty. Dkt. No.: 065334-0111

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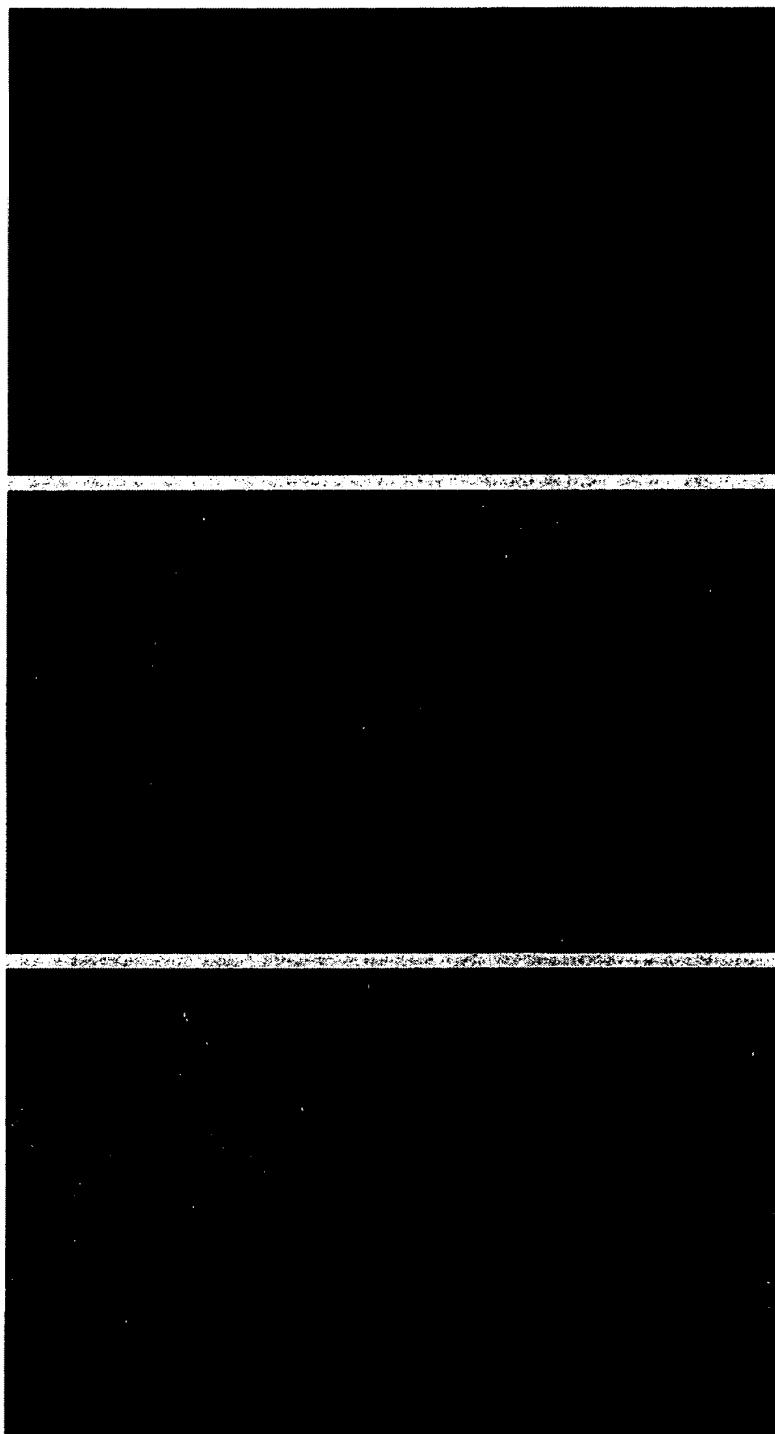
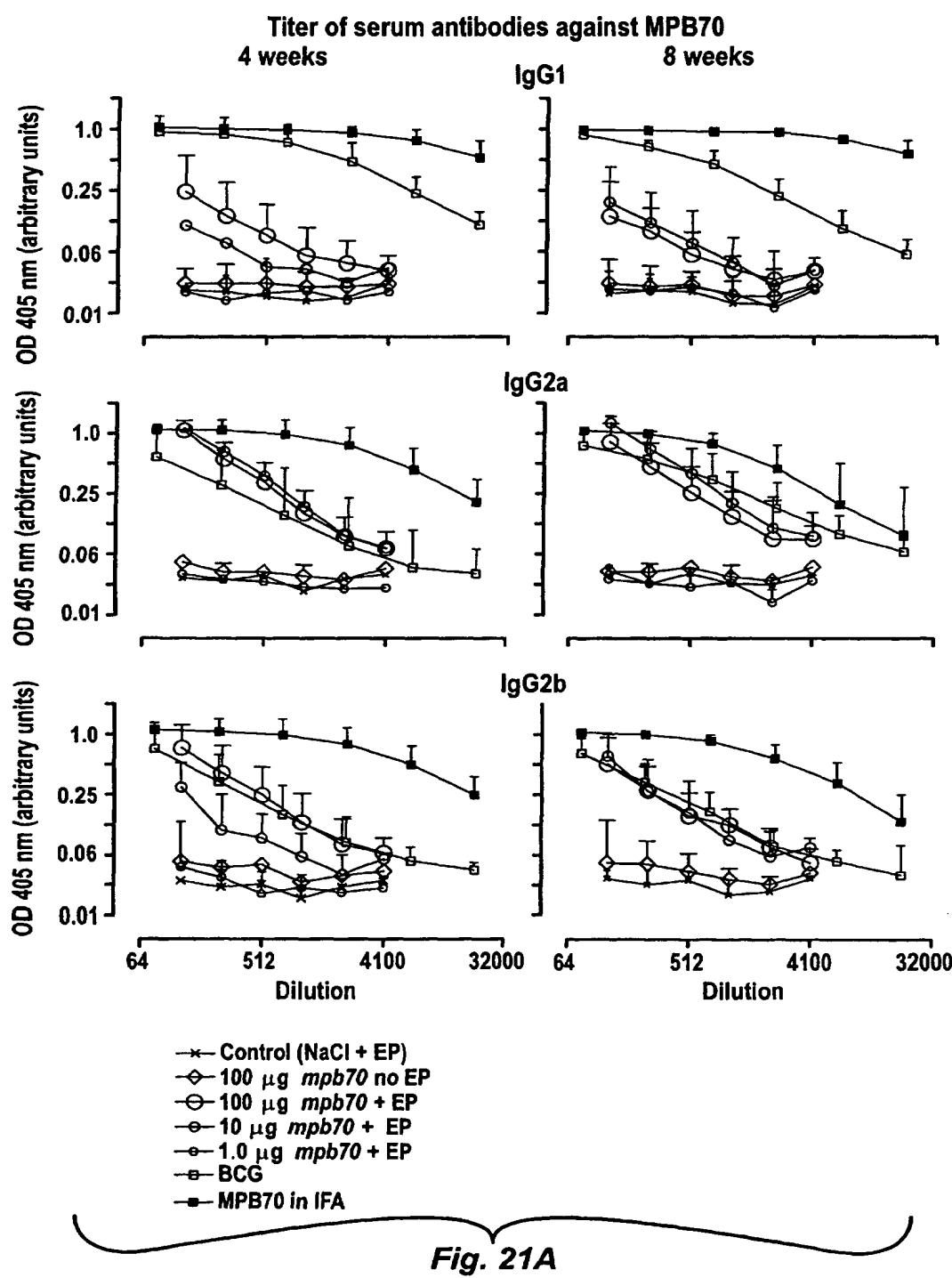


Fig. 20

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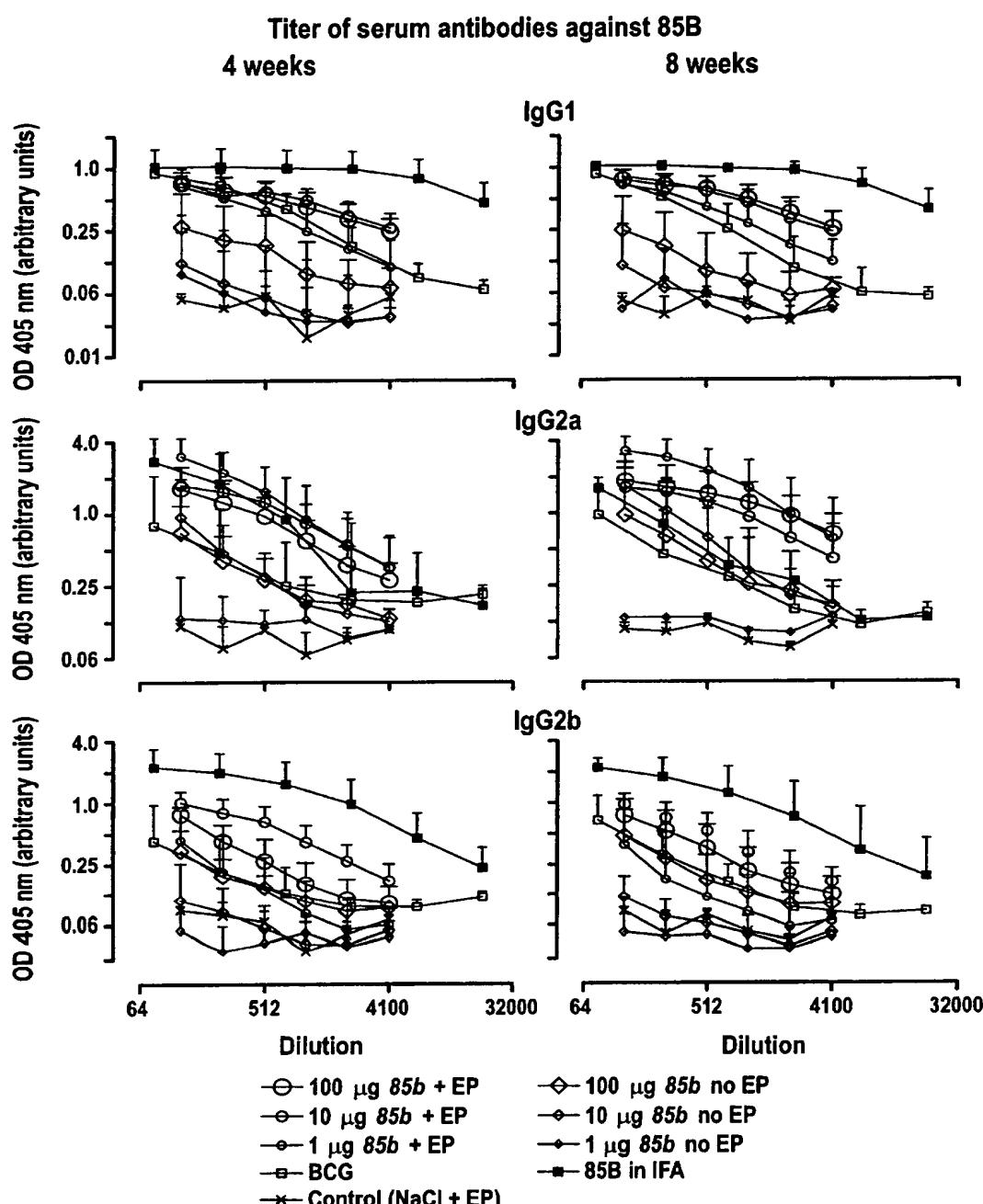


Fig. 21B

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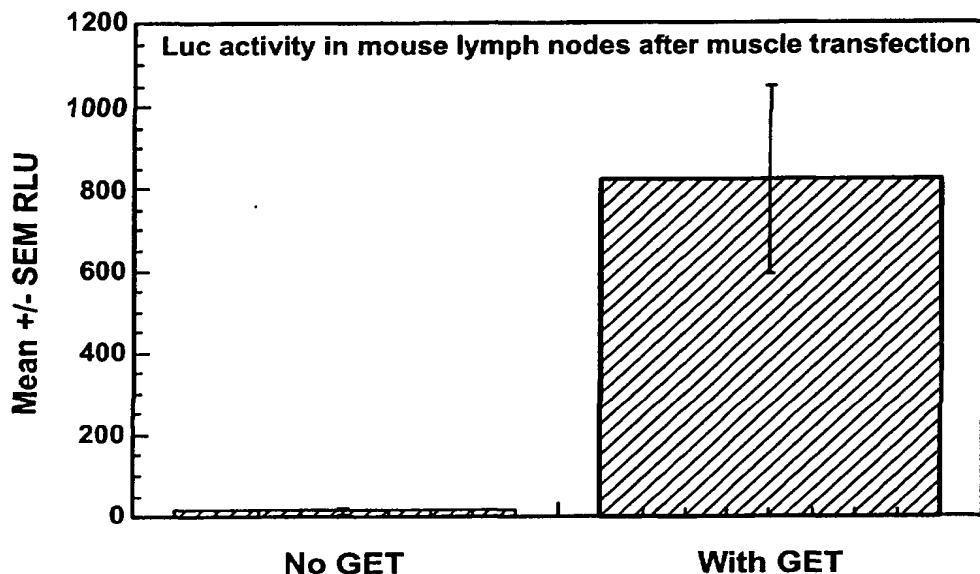


Fig. 22

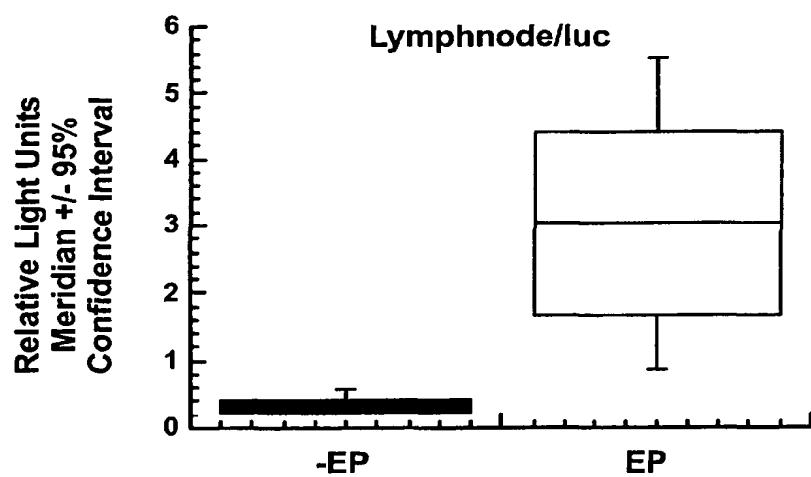


Fig. 23

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Titer of serum IgG1 against MPB70

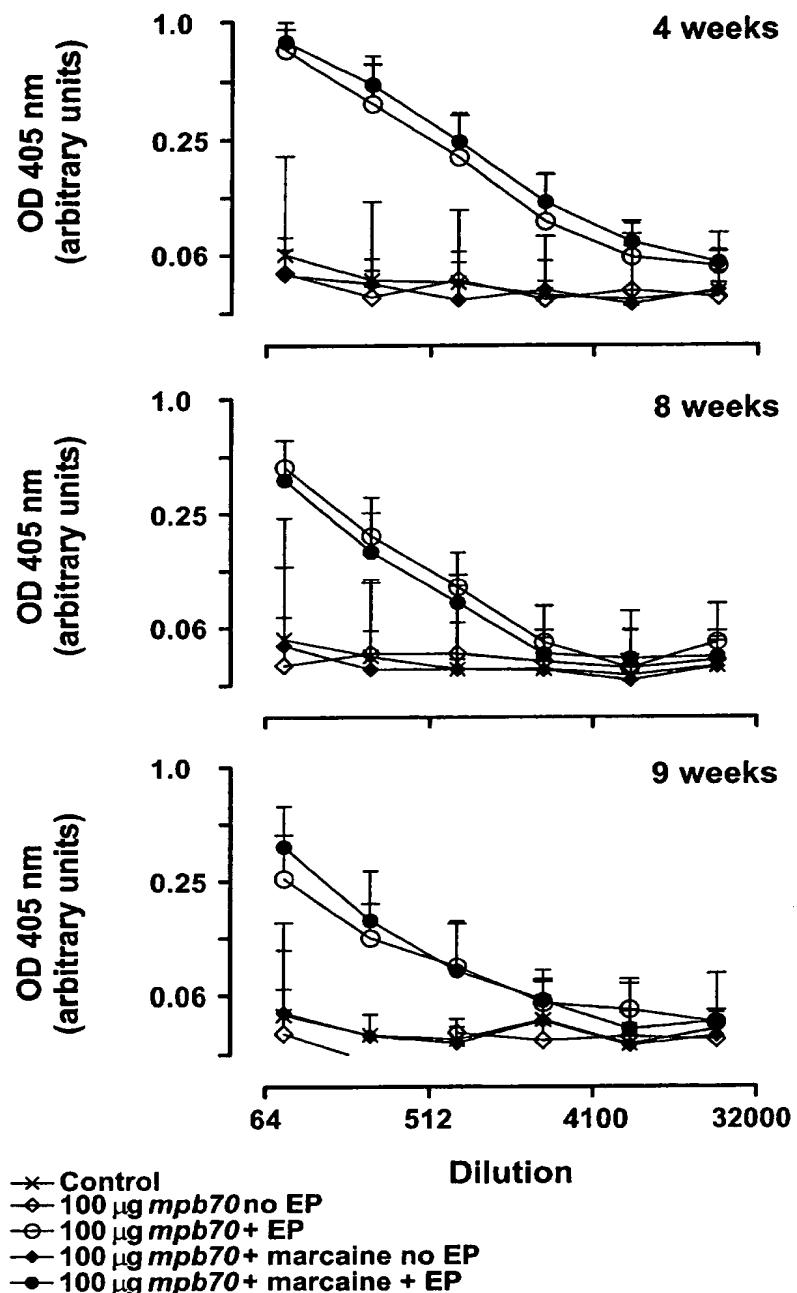


Fig. 24

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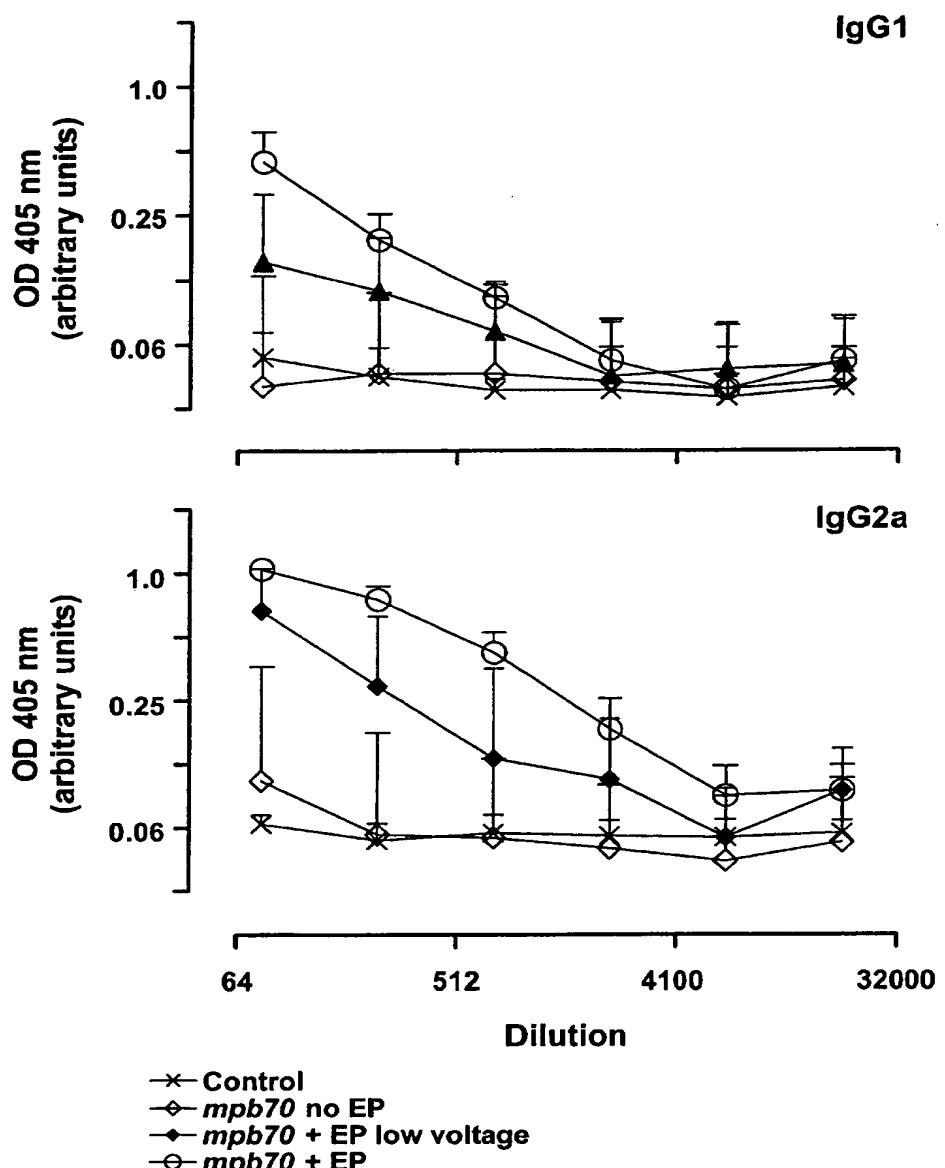
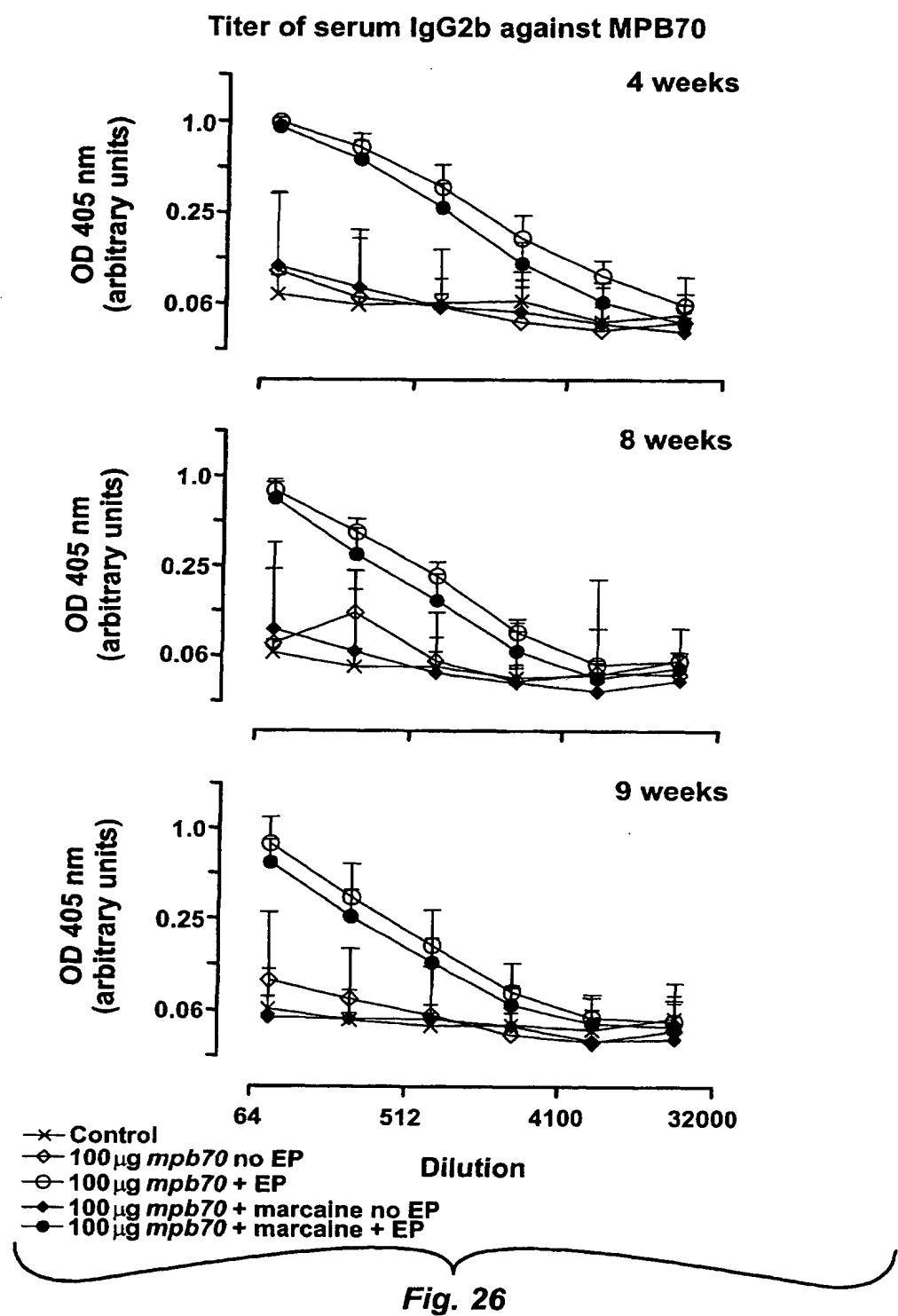
**Titer of serum antibodies against MPB70
after 8 weeks**

Fig. 25

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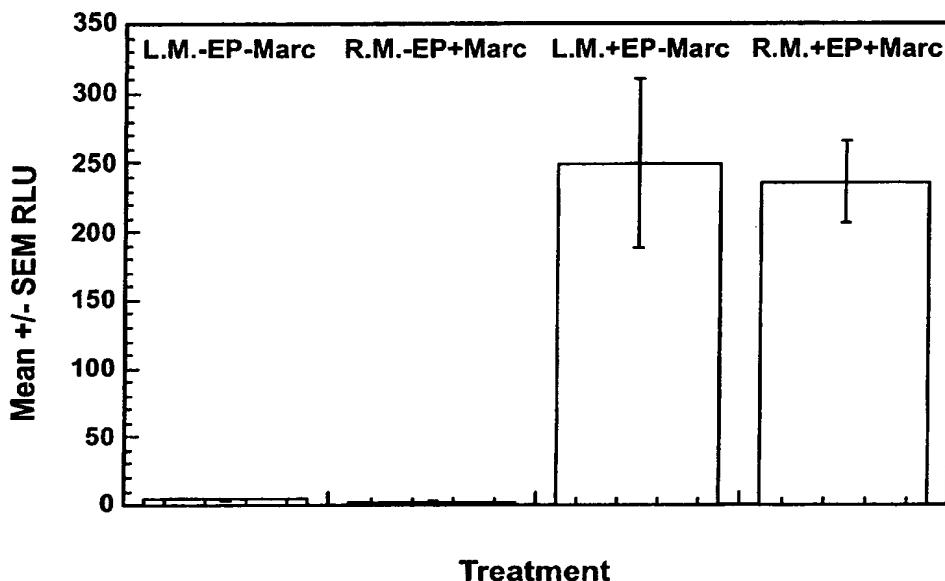


Fig. 27

Luciferase activity after second immunization with 85B and luciferase cDNA. Low values indicate strong cellular immune response (efficient killing of transfected cells)

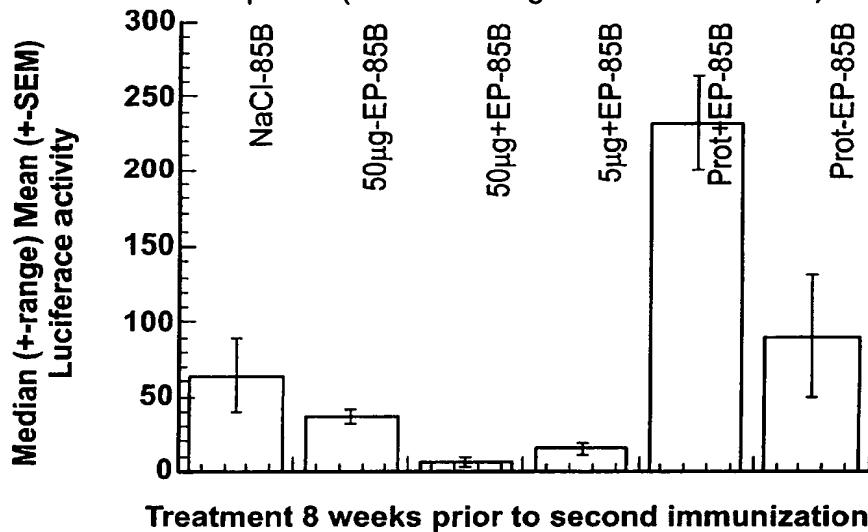


Fig. 28

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Titer of serum antibodies 13 weeks post protein injection and 5 weeks post DNA injection

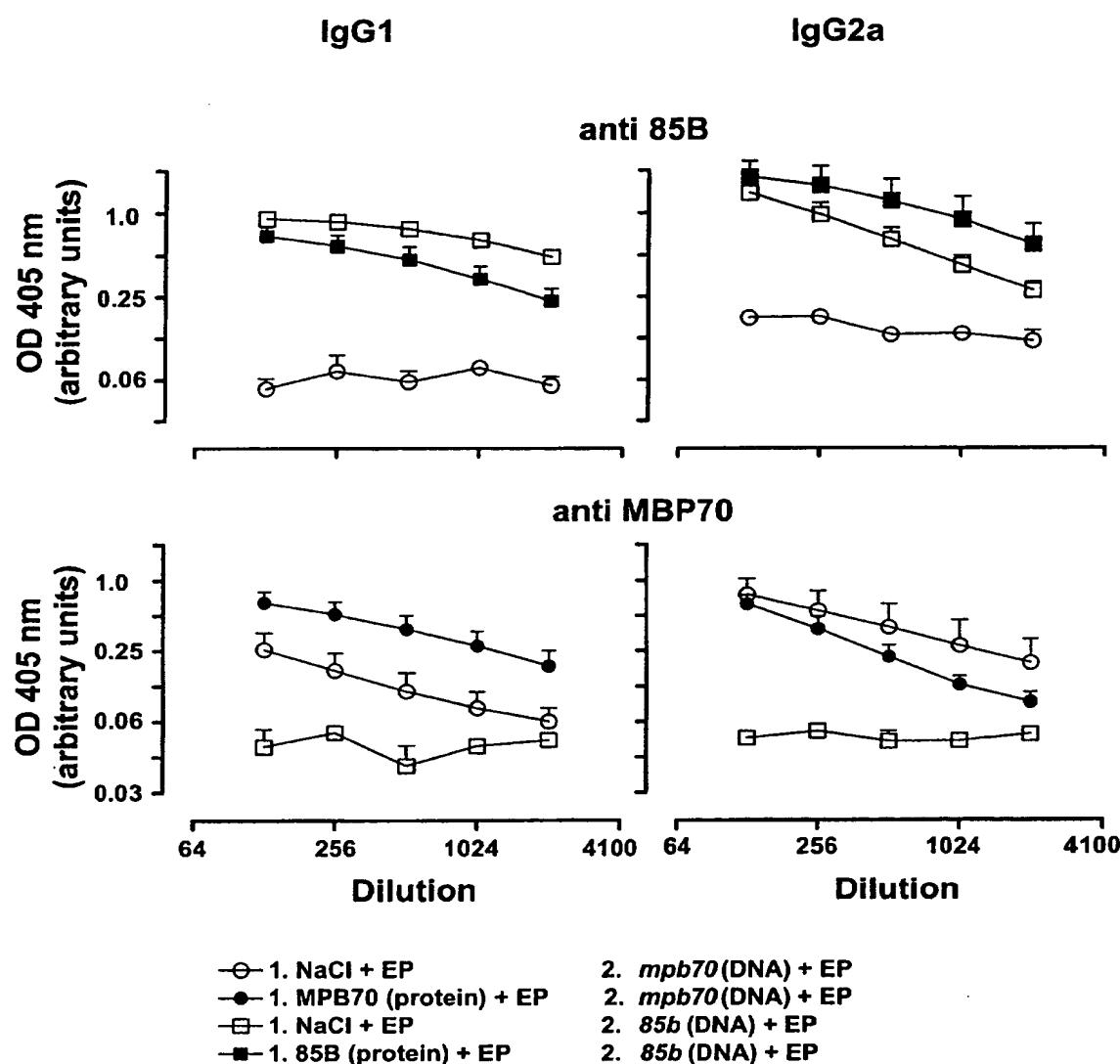
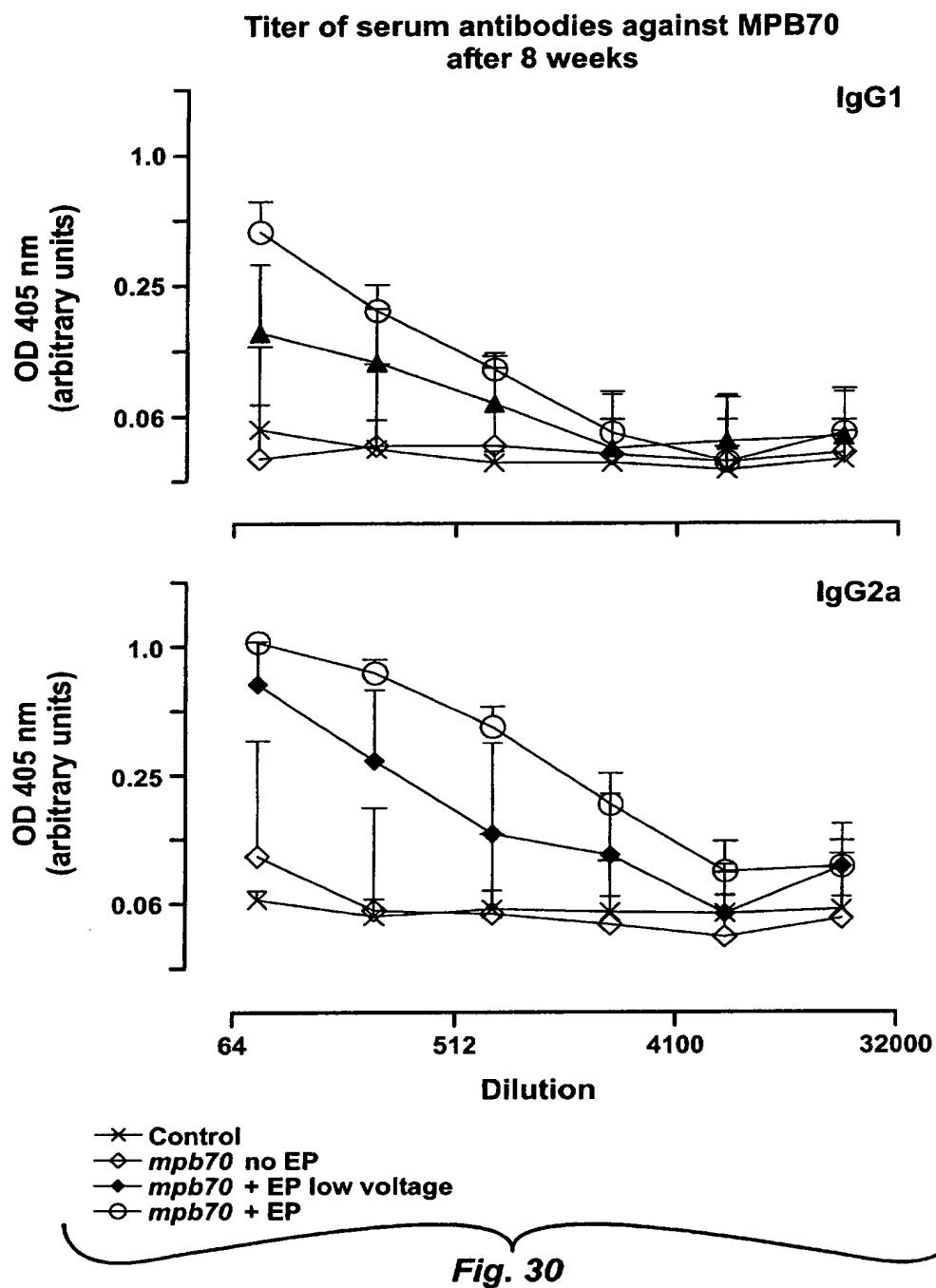


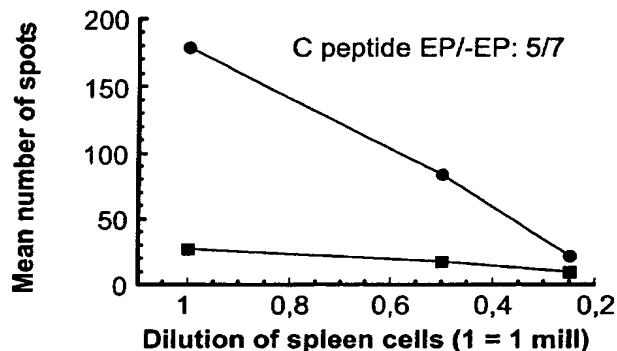
Fig. 29

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CD8+ T-cells secreting interferon gamma after stimulation with MHC I specific peptide (B-GAL)



CD4+ T-cells secreting interferon gamma after stimulation with MHC II specific peptide (85A)

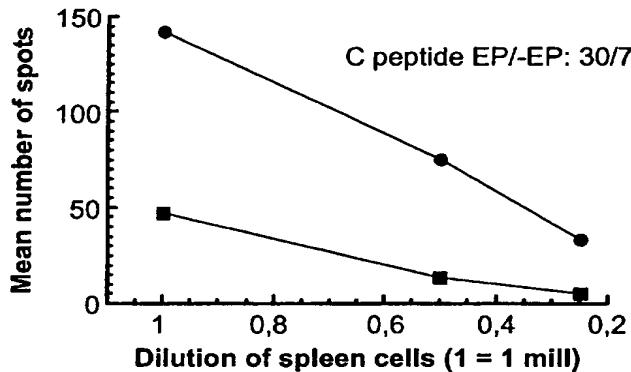


Fig. 31

CD8+ T-cells secreting interferon gamma after stimulation with MHC I specific peptide (B-GAL)

